

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
 Method File : 82W030421S.M
 Title : SW846 8260
 Last Update : Thu Mar 04 13:49:22 2021
 Response Via : Initial Calibration

Calibration Files

10 =VW018243.D 5 =VW018242.D 20 =VW018244.D 50 =VW018245.D 100 =VW018246.D 150 =VW018247.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.392	0.348	0.394	0.347	0.344	0.337	0.360	7.12
3) P	Chloromethane	0.332	0.337	0.319	0.302	0.306	0.319	0.319	4.33
4) C	Vinyl Chloride	0.487	0.492	0.493	0.453	0.445	0.437	0.468	5.48#
5) T	Bromomethane	0.344	0.369	0.328	0.325	0.312	0.313	0.332	6.51
6) T	Chloroethane	0.271	0.280	0.276	0.273	0.269	0.268	0.273	1.69
7) T	Trichlorofluor...	0.319	0.323	0.347	0.355	0.373	0.381	0.350	7.20
8) T	Diethyl Ether	0.221	0.237	0.235	0.224	0.222	0.226	0.228	2.98
9) T	1,1,2-Trichlor...	0.475	0.499	0.475	0.459	0.450	0.447	0.467	4.19
10) T	Methyl Iodide	0.724	0.750	0.726	0.726	0.710	0.717	0.725	1.87
11) T	Tert butyl alc...	0.021	0.020	0.019	0.021	0.018	0.020	0.020	5.76
12) CM	1,1-Dichloroet...	0.468	0.490	0.480	0.463	0.470	0.465	0.473	2.14#
13) T	Acrolein	0.027	0.031	0.031	0.029	0.027	0.029	0.029	5.77
14) T	Allyl chloride	0.569	0.593	0.580	0.576	0.570	0.555	0.574	2.21
15) T	Acrylonitrile	0.087	0.090	0.090	0.089	0.084	0.087	0.088	2.70
16) T	Acetone	0.067	0.072	0.068	0.069	0.061	0.066	0.067	5.57
17) T	Carbon Disulfide	1.302	1.334	1.316	1.279	1.279	1.265	1.296	2.03
18) T	Methyl Acetate	0.178	0.191	0.184	0.182	0.172	0.179	0.181	3.55
19) T	Methyl tert-bu...	0.512	0.547	0.528	0.521	0.486	0.458	0.509	6.28
20) T	Methylene Chlo...	0.592	0.748	0.546	0.489	0.462	0.452	0.548	20.34
21) T	trans-1,2-Dich...	0.524	0.555	0.535	0.527	0.520	0.507	0.528	3.05
22) T	Diisopropyl ether	1.156	1.204	1.193	1.165	1.120	1.077	1.153	4.11
23) T	Vinyl Acetate	0.664	0.670	0.715	0.707	0.685	0.684	0.687	2.91
24) P	1,1-Dichloroet...	0.834	0.871	0.838	0.821	0.811	0.797	0.829	3.12
25) T	2-Butanone	0.101	0.101	0.104	0.106	0.098	0.104	0.102	2.90
26) T	2,2-Dichloropr...	0.468	0.504	0.475	0.461	0.445	0.431	0.464	5.48
27) T	cis-1,2-Dichlo...	0.568	0.590	0.579	0.570	0.571	0.558	0.573	1.86
28) T	Bromochloromet...	0.327	0.332	0.332	0.313	0.295	0.294	0.316	5.56
29) T	Tetrahydrofuran	0.066	0.067	0.069	0.069	0.064	0.067	0.067	2.82
30) C	Chloroform	0.896	0.944	0.907	0.887	0.871	0.840	0.891	3.90#
31) T	Cyclohexane	0.799	0.914	0.779	0.734	0.716	0.700	0.774	10.10
32) T	1,1,1-Trichlor...	0.725	0.771	0.733	0.728	0.709	0.689	0.726	3.79
33) S	1,2-Dichloroet...	0.456	0.466	0.456	0.426	0.395	0.394	0.432	7.40
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.341	0.325	0.334	0.312	0.296	0.294	0.317	6.23
36) T	1,1-Dichloropr...	0.496	0.493	0.499	0.482	0.473	0.460	0.484	3.11
37) T	Ethyl Acetate	0.163	0.169	0.173	0.165	0.158	0.161	0.165	3.28
38) T	Carbon Tetrach...	0.492	0.485	0.496	0.492	0.486	0.478	0.488	1.38
39) T	Methylcyclohexane	0.612	0.615	0.637	0.613	0.615	0.599	0.615	2.01
40) TM	Benzene	1.372	1.355	1.392	1.350	1.306	1.281	1.343	3.10
41) T	Methacrylonitrile	0.097	0.079	0.101	0.110	0.090	0.096	0.096	10.74
42) TM	1,2-Dichloroet...	0.375	0.380	0.386	0.369	0.353	0.347	0.368	4.15
43) T	Isopropyl Acetate	0.289	0.288	0.325	0.316	0.306	0.314	0.306	4.98
44) TM	Trichloroethene	0.406	0.419	0.408	0.407	0.404	0.393	0.406	2.06
45) C	1,2-Dichloropr...	0.315	0.317	0.318	0.315	0.304	0.296	0.311	2.79#
46) T	Dibromomethane	0.179	0.170	0.183	0.179	0.170	0.170	0.175	3.25
47) T	Bromodichlorom...	0.438	0.442	0.462	0.454	0.445	0.440	0.447	2.08
48) T	Methyl methacr...	0.141	0.140	0.161	0.163	0.158	0.164	0.155	7.04
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	5.48
50) S	Toluene-d8	1.269	1.246	1.302	1.181	1.096	1.086	1.197	7.60
51) T	4-Methyl-2-Pen...	0.152	0.145	0.168	0.161	0.152	0.157	0.156	5.19
52) CM	Toluene	0.898	0.889	0.912	0.900	0.873	0.854	0.888	2.35#
53) T	t-1,3-Dichloro...	0.400	0.392	0.432	0.437	0.434	0.436	0.422	4.78
54) T	cis-1,3-Dichlo...	0.496	0.484	0.523	0.528	0.521	0.513	0.511	3.40
55) T	1,1,2-Trichlor...	0.248	0.256	0.260	0.253	0.242	0.245	0.251	2.79
56) T	Ethyl methacry...	0.260	0.256	0.297	0.302	0.294	0.303	0.285	7.53

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57)	T	1,3-Dichloropr...	0.417	0.421	0.446	0.429	0.412	0.407	0.422	3.29
58)	T	2-Chloroethyl ...	0.135	0.140	0.158	0.157	0.147	0.149	0.148	6.09
59)	T	2-Hexanone	0.102	0.096	0.113	0.110	0.103	0.108	0.105	5.70
60)	T	Dibromochlorom...	0.305	0.306	0.328	0.322	0.316	0.322	0.317	2.94
61)	T	1,2-Dibromoethane	0.241	0.244	0.261	0.252	0.245	0.248	0.249	2.81
62)	S	4-Bromofluorob...	0.459	0.448	0.472	0.438	0.406	0.404	0.438	6.37
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.384	0.392	0.364	0.372	0.370	0.357	0.373	3.46
65)	PM	Chlorobenzene	1.091	1.121	1.093	1.091	1.048	1.015	1.076	3.55
66)	T	1,1,1,2-Tetrac...	0.371	0.373	0.383	0.385	0.386	0.374	0.379	1.80
67)	C	Ethyl Benzene	1.872	1.892	1.916	1.923	1.898	1.799	1.883	2.39#
68)	T	m/p-Xylenes	0.730	0.748	0.743	0.737	0.725	0.698	0.730	2.44
69)	T	o-Xylene	0.667	0.673	0.688	0.697	0.686	0.657	0.678	2.19
70)	T	Styrene	1.115	1.116	1.165	1.176	1.141	1.105	1.136	2.56
71)	P	Bromoform	0.196	0.184	0.200	0.210	0.205	0.204	0.200	4.53
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.615	3.588	3.591	3.782	3.866	3.660	3.684	3.12
74)	T	N-ethyl acetate	0.570	0.542	0.595	0.631	0.643	0.647	0.605	7.09
75)	P	1,1,2,2-Tetrac...	0.562	0.603	0.590	0.599	0.593	0.599	0.591	2.55
76)	T	1,2,3-Trichlor...	0.448	0.461	0.465	0.468	0.378	0.473	0.449	7.98
77)	T	Bromobenzene	0.855	0.861	0.855	0.911	0.895	0.888	0.877	2.72
78)	T	n-propylbenzene	4.201	4.267	4.150	4.342	4.387	4.233	4.263	2.08
79)	T	2-Chlorotoluene	2.413	2.477	2.385	2.481	2.531	2.410	2.449	2.27
80)	T	1,3,5-Trimethy...	3.059	3.085	3.069	3.196	3.225	3.097	3.122	2.26
81)	T	trans-1,4-Dich...	0.156	0.156	0.167	0.186	0.188	0.198	0.175	10.17
82)	T	4-Chlorotoluene	2.557	2.646	2.517	2.625	2.604	2.544	2.582	1.96
83)	T	tert-Butylbenzene	2.617	2.761	2.642	2.799	2.854	2.698	2.729	3.38
84)	T	1,2,4-Trimethy...	3.103	3.164	3.060	3.192	3.191	3.011	3.120	2.40
85)	T	sec-Butylbenzene	3.698	3.728	3.616	3.763	3.759	3.616	3.697	1.80
86)	T	p-Isopropyltol...	3.453	3.480	3.376	3.596	3.562	3.432	3.483	2.37
87)	T	1,3-Dichlorobe...	1.728	1.835	1.674	1.715	1.704	1.670	1.721	3.50
88)	T	1,4-Dichlorobe...	1.703	1.780	1.690	1.708	1.698	1.627	1.701	2.88
89)	T	n-Butylbenzene	3.151	3.149	3.112	3.241	3.300	3.099	3.175	2.48
90)	T	Hexachloroethane	0.560	0.567	0.583	0.613	0.649	0.629	0.600	5.96
91)	T	1,2-Dichlorobe...	1.502	1.542	1.512	1.517	1.503	1.447	1.504	2.09
92)	T	1,2-Dibromo-3-...	0.090	0.087	0.094	0.097	0.095	0.100	0.094	4.90
93)	T	1,2,4-Trichlor...	1.153	1.123	1.131	1.141	1.158	1.120	1.138	1.36
94)	T	Hexachlorobuta...	0.710	0.741	0.683	0.718	0.727	0.672	0.709	3.72
95)	T	Naphthalene	1.757	1.784	1.926	1.985	1.969	2.027	1.908	5.84
96)	T	1,2,3-Trichlor...	0.919	0.979	0.972	0.971	1.013	0.971	0.971	3.09

(#) = Out of Range